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Product Datasheet

Rat CD8(Cluster ofDifferentiation 8) Microsample ELISA Kit BYT-ORB2997311

Article Name	Rat CD8(Cluster ofDifferentiation 8) Microsample ELISA Kit
Biozol Catalog Number	BYT-ORB2997311
Supplier Catalog Number	orb2997311
Alternative Catalog Number	BYT-ORB2997311-48,BYT-ORB2997311-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat CD8(Cluster ofDifferentiation 8) Microsample ELISA Kit...
Range	0.16-10 ng/mL
Sensitivity	0.062 ng/mL
UniProt	P07725
Samples	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat CD8. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CD8. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat CD8, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm 10nm. The concentration of Rat CD8 in the samples is then determined by comparing the OD of the samples to the standard curve